

ABSTRACT

A handheld radiographic device is provided, the device may include an X-ray detector adapted to provide a digital radiographic frame of a dynamic image of an object under investigation, a position determination subsystem adapted to provide position data associated with a digital radiographic frame and an image processing controller adapted to combine multiple radiographic frames using the position data associated with each of the radiographic frames and thus to produce a static image. Moreover, a method is provided for producing a static image from multiple radiographic frames using a handheld radiographic device.